



# UNITED STATES PATENT AND TRADEMARK OFFICE

1.9  
UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/770,351	02/02/2004	Duane Keenan JR.	2003P01392US01	7660
7590	01/11/2007			
Maginot, Moore & Beck Bank One Tower Suite 3000 111 Monument Circle Indianapolis, IN 46204			EXAMINER SAX, STEVEN PAUL	
			ART UNIT 2174	PAPER NUMBER
SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE		
3 MONTHS	01/11/2007	PAPER		

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/770,351	KEENAN ET AL	
	<b>Examiner</b>	<b>Art Unit</b>	
	Steven P. Sax	2174	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on \_\_\_\_\_.
- 2a) This action is FINAL.                            2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 1-16 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All    b) Some \* c) None of:
  1. Certified copies of the priority documents have been received.
  2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date. _____
3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)	5) <input type="checkbox"/> Notice of Informal Patent Application
Paper No(s)/Mail Date _____.	6) <input type="checkbox"/> Other: _____.

**DETAILED ACTION**

1. This application has been examined.
  
2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mathur et al (7124397) and Delp et al (6922558).

4. Regarding claim 1, Mathur et al show: a method of integrating a third party device into a control system (abstract, Figure 4), the control system having a workstation running control system program instructions and a field panel in communication with the workstation (Figure 11, column 5 lines 30-45), the method comprising the steps of:

providing a user interface for the input of data regarding a third party device and accepting data input from the user regarding the third party device through the user interface (Figures 5, 6, 11, column 3 lines 20-31, column 5 lines 20-45)

launching an integration tool in response to the data input from the user regarding the third party device (Figure 7, column 4 lines 42-59);

generating an integration file by the launched integration tool for use by a driver associated with the third party device (Figure 4, column 4 lines 3-17 and 59-67); and loading the generated integration file into a field panel for use by the driver associated with the third party device (Figure 13, column 5 lines 50-67, column 6 lines 1-15). Mathur et al do not go into the details that the system is for building control per se, but do mention environments for power control integration of third party vendor devices. Furthermore, Delp et al do show a building control system as a convenient environment for power control integration of third party vendor devices (abstract, Figures 11, 13, 17, column 6 lines 5-30, column 10 lines 20-50). It would have been obvious to a person with ordinary skill in the art to have the system in Mathur et al be for building control, because it would provide a convenient environment for power control integration of third party vendor devices.

5. Regarding claim 2, the step of launching an integration tool in response to the data input from the user regarding the third party device comprises launching an application builder (Mathur et al Figure 3, column 3 lines 57-67).

6. Regarding claim 3, the step of generating an integration file by the launched integration tool for use by a driver associated with the third party device comprises generating an integration file comprising an integration application file (Mathur et al Figure 5, column 4 lines 17-35).

7. Regarding claim 4, the step of providing a user interface for the input of data regarding the third party device includes providing a user interface comprising at least one dialog box for the input of data regarding the third party device (Mathur et al Figures 6, 12 for example).
8. Regarding claim 5, the step of loading the generated integration file into a field panel for use by the driver associated with the third party device comprises flashing the generated integration file into memory of the field panel (Mathur et al column 4 lines 15-45).
9. Claims 6-8 show the same features as claims 3-5 respectively and are rejected for the same reasons.
10. Regarding claim 9, the software integration tool is stored on a user's computer (Mathur et al column 4 lines 15-45).
11. Claims 10-11 show the same features as claims 3-4 respectively and are rejected for the same reasons.
12. Regarding claim 12, said software tool allows the generation of said integration application through incorporation of selected system points (Mathur et al Figures 5, 6,

column 4 lines 17-45). That these points are specifically building points follow from a building control system, which would be obvious per the same reasoning as that given in paragraph 4 of this Office Action.

13. Regarding claim 13, in addition to that mentioned for claim 12, comma separated file of points is imported (Mathur et al column 3 lines 30-49, implicit within the file creation in the windowing operating system).

14. Regarding claim 14, in addition to that mentioned for claim 12, individual selection of (building) points is performed (Mathur et al column 4 lines 25-55).

15. Regarding claim 15, in addition to that mentioned for claim 14, individual selection of available building system points is present by said graphical user interface as a selectable menu of available building system points (Mathur et al column 4 lines 35-59).

16. Regarding claim 16, Mathur et al show: a control system having a workstation and at least one field panel (Figure 11, column 5 lines 30-45), and a method of operating the control system comprising the steps of:

detecting a user generated modification to a field panel data element by a field panel of the building control system (Figures 5, 6, 11, column 3 lines 20-31, column 5 lines 20-45);

storing data regarding the detected user generated modification to the field panel data element (column 4 lines 15-45).; appending field panel modification data to the data regarding the detected user generated modification to the field panel data element to define stored appended field modification data; and transmitting, by the field panel, the stored appended field modification data to the workstation (Figure 13, column 5 lines 50-67, column 6 lines 1-15). Mathur et al do not go into the details that the system is for building control per se, but do mention environments for power control integration of vendor devices. Furthermore, Delp et al do show a building control system as a convenient environment for power control integration of vendor devices (abstract, Figures 11, 13, 17, column 6 lines 5-30, column 10 lines 20-50). It would have been obvious to a person with ordinary skill in the art to have the system in Mathur et al be for building control, because it would provide a convenient environment for power control integration of third party vendor devices.

17. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Steven P. Sax whose telephone number is (571) 272-4072. The examiner can normally be reached on Monday thru Friday, 8:30 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine Kincaid can be reached on (571) 272-4063. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

\*\*\*



STEVEN SAX  
BY EXAMINER

A handwritten signature of Steven Sax is written in black ink. The signature is fluid and cursive, appearing to read "Sax". Below the signature, the text "STEVEN SAX" is printed in a standard font, followed by "BY EXAMINER" in a smaller, all-caps font.